

Amendments to the Claims:

The following listing of claims replaces all previous listings and versions:

1. (Currently Amended) A method for preparing an aroma-containing component which releases an aroma having increased amounts of desirable flavor or sensory characteristics during preparation of a food or beverage product, which method comprises treating [[the]] an aroma-containing component that is isolated, concentrated or separated from a food, beverage, food-forming or beverage-forming material, with an aroma-improving agent of a nucleophile that contains at least one atom of sulfur or nitrogen providing at least one lone pair of electrons that chemically interacts with compounds associated with the aroma-containing component to generate an improved aroma that contains (a) increased amounts of compounds that provide or improve the desirable flavor or sensory characteristics of the aroma or (b) reduced amounts of compounds that suppress desirable flavor characteristics or contribute to or generate undesirable characteristics, and separately storing the treated aroma-containing component prior to contact with a further component of a food, beverage, food-forming or beverage-forming material and optionally with a liquid to form the food or beverage product for consumption so that, when combining the aroma-containing component with the material to form the product for consumption, the aroma-containing component imparts to the product [[will contain]] an improved or enhanced aroma compared to the aroma provided by an untreated aroma-containing component.

2. (Previously Presented) The method of claim 1, wherein the aroma-improving agent contains or generates thiols and reacts with compounds associated with the aroma-containing agent to generate desirable compounds or remove undesirable reactive compounds.

3. (Original) The method of claim 1, wherein the improving agent is SO₂, a sulfite or a substance that contains or generates a sulfite, a thiol, an amine or an amino acid.

4. (Original) The method of claim 1, wherein the aroma-improving agent comprises cysteine or glutathione or one of their salts.

5. (Original) The method of claim 1, wherein the aroma-improving agent is added to a aroma-containing component that is subsequently processed to obtain the improved aroma.

6. (Original) The method of claim 1 wherein the aroma-containing component is coffee beans which are treated prior to roasting by soaking the beans in a solution of the aroma-improving agent, by mixing a powder of the aroma-improving agent with the beans or by exposing the beans to a gaseous environment that contains the aroma-improving agent, and then obtaining the improved aroma by roasting of the treated coffee beans.

7. (Original) The method of claim 1 wherein the aroma-containing component is coffee beans which are roasted to generate an aroma and the method comprises contacting the aroma with the aroma-improving agent to form the improved aroma, wherein the aroma contacts a gaseous environment that contains the aroma-improving agent, a solution of the aroma-improving agent, or a solid form of the aroma-improving agent that is optionally supported by a carrier.

8. (Original) The method of claim 1 wherein the aroma-containing component is coffee beans which are roasted and the method comprises quenching the roast beans with a solution of the aroma-improving agent, and then grinding the quenched beans to generate the improved aroma.

9. (Original) The method of claim 1 which further comprises roasting the coffee beans and grinding the roasted beans to obtain the improved aroma, wherein the aroma-improving agent is added to the beans during the grinding step.

10. (Original) The method of claim 1 wherein the aroma-containing component is Robusta coffee beans and the aroma-improving agent reduces harsh, rubbery, earthy notes and enhance smoothness.

11. (Original) The method of claim 1 wherein the aroma-containing component is low grade Arabica coffee beans and the aroma-improving agent reduces the fermented, baggy, woody, groundsey, or cereal notes and enhance roastiness.

12. (Original) The method of claim 1 wherein the aroma-containing component comprises roast and ground coffee particles and the aroma-improving agent is added before dispensing of a coffee beverage made by combining water with the particles.

13. (Original) The method of claim 14 which further comprises extracting the particles with water to form a solution, stripping volatiles from the solution with steam, and condensing the stripped volatiles to obtain an aroma concentrate, wherein the aroma-improving agent is added to the extraction water, the stripping steam or the aroma concentrate to provide the improved aroma.

14. (Currently Amended) A food product comprising a food, beverage, food-forming or beverage-forming material and an aroma-containing component that is isolated, concentrated or separated from a food, beverage, food-forming or beverage-forming material and which is treated with a nucleophile that contains at least one atom of sulfur or nitrogen that provides at least one lone pair of electrons that chemically interacts with compounds associated with the aroma-containing component to release an improved aroma compared to untreated aroma-containing components, wherein the aroma has increased amounts of desirable flavor and sensory characteristics, decreased undesirable flavor or sensory characteristics, or both, and the treated aroma-containing component is stored prior to contact with a further component of a food, beverage, food-forming or beverage-forming material and optionally with a liquid to form a product for consumption which product that, when combining the aroma-containing component with the material to form the product for consumption, the aroma-containing component imparts to the product [[will contain]] an improved or enhanced aroma compared to the aroma provided by an untreated aroma-containing component.

15. (Previously Presented) The food product of claim 14 wherein the aroma comprises one or more of the following characteristics compared to untreated components:
increased amounts of thiols; or
the same or decreased amounts of carbonyl, aldehyde or diketone moieties,
so that the improved aroma comprises greater perceptible levels of roasty, sulfury, nutty, freshness and overall good flavor notes, with a decrease in rubbery, baggy, harsh, woody, groundsey, processey, pruney, molasses, oxidized or fermented notes.

16. (Previously Presented) The food product of claim 15 wherein the aroma-containing component a coffee aroma generating material that is processed to provide coffee aroma.

17. (Previously Presented) The food product of claim 16, wherein the coffee aroma is obtained from Robusta coffee beans or low quality Arabica coffee beans, wherein the sensory characteristics of the aroma are released to a lesser amount but for a longer time compared to an untreated component.

18. (Previously Presented) The food product of claim 15, wherein, when a food or beverage that contains the aroma-containing component is prepared, 65 to 90% of the sensory characteristics are initially released with the remaining amount released over a period of about 3 to 25 minutes.

(Cancelled)

20. (Previously Presented) The food product of claim 14, wherein the stored treated aroma-containing component is combined with the further component and optionally with a liquid to form the food or beverage product for consumption with the product containing an improved or enhanced aroma compared to an untreated aroma-containing component.

21. (Previously Presented) The food product of claim 20, wherein a liquid is combined with the stored treated aroma-containing component and further component to form the food or beverage product for consumption.

22. (Previously Presented and Renumbered) The food product of claim 20, wherein the further component is a beverage-forming component comprising tea, coffee, chocolate or malt.

23. (Previously Presented and Renumbered) The method of claim 1 which further comprises combining the stored treated aroma-containing component with a further component of a food, beverage, food-forming or beverage-forming material and optionally

with a liquid to form the food or beverage product for consumption with the product containing an improved or enhanced aroma compared to an untreated aroma-containing component.

24. (Previously Presented and Renumbered) The method of claim 23, wherein a liquid is combined with the stored treated aroma-containing component and further component to form the food or beverage product for consumption.

25. (Previously Presented and Renumbered) The method of claim 23, wherein the further component is a beverage-forming component comprising tea, coffee, chocolate or malt.